

22990

Investigation of the corrosive

S/184/61/000/004/003/004
D041/D112

cheskoy Khimii AN SSSR (Institute of Physical Chemistry of the AS USSR) (Fig.2). The measurements showed that the activation potential is a linear function of the concentration of hydrogen ions, while the passivation potential and the potential of the beginning of repassivation are not subject to such a functional dependency. The concentration of hydrogen ions has a great effect on the critical passivation current. Steel composition and sulfuric acid temperature have a great effect on the magnitudes of the passive and active ranges as well as on the critical passivation current. An increase of the chromium content from 5 to 15% considerably widens the passive state range and decreases the active steel-dissolving range. Steel containing 15% of chromium and 15% of nickel is scarcely activated by sulfuric acid over a wide potential range at 20°C. Steel containing 19% of chromium is not activated by sulfuric acid at temperatures of 40 to 60°C. Beginning at a temperature of 80°C all the investigated steels are activated by sulfuric acid. Even steels containing 23-27% of chromium and 23-28% of nickel are activated by sulfuric acid at temperatures above 80°C. An increase of the chromium and nickel contents decreases the value of the critical passivation current. For steel containing 5% of chromium and 23-28% of nickel, the current value is 8-11 mA/cm²; for steel containing 9% of chromium, the current value is 11-15 mA/cm². X

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• Investigation of increased-pressure ...

through the heat exchanger of the pressure reducer valve. After having mixed with the other flow it is directed into the heat-exchanger-liquifier, where it is partially liquified and the solid CO₂ particles washed out. Comparison of the results obtained with the three above-mentioned systems led to the following conclusions: (1) If it is desired to simplify the design of the fractionating column, variant (2) is recommended. (2) The specific energy consumption in the increased-pressure cycle may reach an approximate value of 1.3 kwh/kG of liquid O₂ [Abstracter's note: 1.3 kvt-ch/kG.zh.O₂ in the original] when the compression pressure is 14 At. in a turbocompressor with an isothermic efficiency of 0.6 and the air expands in two turbo-pressure-reducer-valves with adiabatic efficiencies of 0.8 and 0.78. (3) A second turbo-pressure-reducer-valve with partial expansion is advisable for pressures from 8-9 At. and above. At a pressure of 12.5 At. a second turbo-pressure-reducer-valve decreases the energy consumption by approximately 7%. For this reason variant (3) is recommended. The coefficient of oxygen extraction for all variants was 4-7.65%. There are 5 figures.

X

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Investigation of increased-pressure ...

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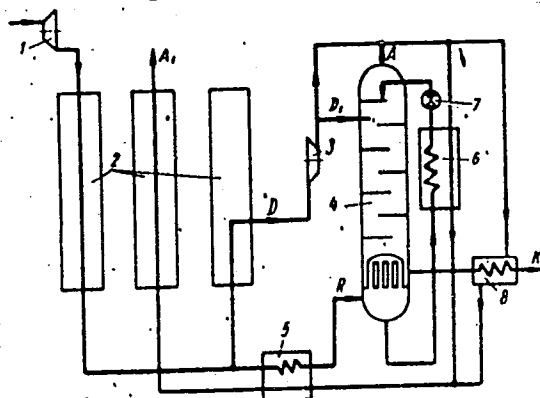


Fig. 1. Technological diagram of the oxygen installation with increased-pressure cycle and one turbo-pressure-reducer-valve.

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L 28398-66 EWT(m)/EWA(d)/EWP(t)/ETI IJP(c) JD/WB/GD
 ACC NR: AT6013791 SOURCE CODE: UR/0000/65/000/000/0117/0122
 AUTHOR: Bozin, N. A.; Mirolubov, Ye. N. (Candidate of chemical sciences);
 Kurtepov, M. M.
 ORG: none
 TITLE: Corrosion and electrochemical behavior of ϕ Kh23N28M3D3T steel in boiling solutions of sulfuric acid
 SOURCE: Korroziya metallov i splavov (Corrosion of metals and alloys), no. 2 Moscow, Izd-vo Metallurgiya, 1965, 117-122
 TOPIC TAGS: stainless steel, corrosion, electrochemistry, sulfuric acid, chromium steel, nickel steel/ ϕ Kh23N28M3D3T stainless Cr-Ni steel, ϕ Kh19N28M3D3T stainless Cr-Ni steel
 ABSTRACT: The steel with the highest resistance to corrosion in hot H_2SO_4 solutions at present is ϕ Kh23N28M3D3T (EI-943) stainless Cr-Ni steel, which is recommended for use in H_2SO_4 solutions of any concentration at temperatures up to $80^\circ C$. Since, however, the corrosion and electrochemical behavior of stainless steels of the ϕ Kh23N28M3D3T type in boiling H_2SO_4 solutions of relatively high concentrations (>20%) has not previously been investigated, the authors studied this question with the object of exploring the ways and means of inhibiting corrosion under such conditions. Specimens of these steels, with varying proportions of Cr and Ni, were sub-

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jected to corrosion tests in glass flasks with reflux condensers following water quenching of the specimens from 1100°C. There was 10 cc of the solution per cm² of surface area of the specimens. The solution was replaced once every 10 hr of tests. The corrosion resistance of the steels was investigated over a broad range of potentials with the aid of an electronic potentiostat. Findings: in boiling H₂SO₄ solutions the corrosion rate of ØKh23N28M3D3T steel is relatively high and increases with increasing concentration of the acid (Fig. 1). For 40-50% H₂SO₄ the corrosion rate of this steel does not exceed 2-3 g/(m²-hr). For H₂SO₄ in concentrations exceeding 45% the corrosion rate sharply rises, reaching a maximum [~100-130 g/(m²-hr)] for the concentration of 60-70%, whereupon it somewhat decreases. In comparison, ØKh19N28M3D3T steel with its lower Cr content, displays a somewhat higher corrosion resistance than ØKh23N28M3D3T steel (Fig.1). The standard hydrogen scale potential of the corrosion of ØKh23N28M3D3T steel in boiling H₂SO₄ solutions exists in the potential range characteristic of active state. Hence ensue the possible methods of protecting it against corrosion under these conditions. Clearly, the corrosion resistance of this steel can be increased by alloying it with elements increasing this resistance in active state, such as Mo and Cu, increasing its Ni content, and reducing its Cr content (to not more than 19-20%). But this can also be accomplished without changing the composition of this steel -- by adding minute

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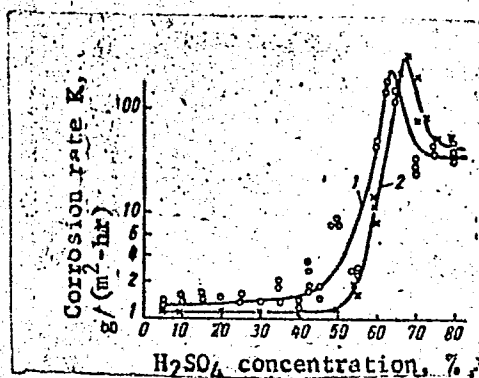


Fig. 1. Effect of the concentration of boiling solutions of H₂SO₄ on the corrosion rate of stainless steels:

1 - VKh23N28M3D3T; 2 - VKh19N28M3D3T

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ACC NR: AT6013791

amounts of oxidizing agents, e.g. Fe^{3+} and HNO_3 or by cathodic or anodic protection due to the contact of this steel with other metals or steels with a more negative corrosion potential. Hence, stainless steels of the ØKh23N28M3D3T type can in a number of cases be used as structural material of apparatus handling boiling solutions of H_2SO_4 . Orig. art. has: 4 figures, 1 table

SUB CODE: 07, 11, SUBM DATE: 19Jul65/ ORIG REF: 016/ OTH REF: 015

Card 4/4 LC

Bozin, Zora

YUGOSLAVIA/Chemical Technology. Chemical Products and Their
Application. Medicinals. Vitamins. Antibiotics.

H-17

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44321.

Author : Vukcevic-Kovacevic Vera, Bozin Zora

Inst : ~~FAC. PHARM., ZAGREB, YUGOSLAVIA.~~

Title : Analysis of Cinchona Bark Tinctures by the Method
of Filtration Chromatography.

Orig Pub: Acta pharmac. jugosl., 1956, 6, No 3-4, 243-246.

Abstract: The procedure consists in placing one drop (0.01 ml) of the tincture (about 0.70% and 0.35% alkaloids), by means of a capillary tube, on the starting line of a strip of paper, at a distance of 4 cm from its end. After evaporation of the solvent the chromatogram is treated for 10 minutes with 0.1 N HCl acid, as a solvent. Displacement of alkaloids is determined

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YUGOSLAVIA/Chemical Technology. Chemical Products and
Their Application. Medicinals. Vitamins.
Antibiotics.

H-17

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44321.

by their fluorescence in ultraviolet light, after first drying the paper and moistening it with 2% solution of H_2SO_4 . For the detection of the alkaloids on the paper, after the chromatogram has been developed, the following reagents are used: 1% solution of I in 95% ethanol, and 0.5% solution of I in distilled water (0.1 N); treatment with Br vapor and then with NH_3 , after the dry strip of paper has been moistened with water (thalleioquin reaction), gives a green spot.

Card : 2/2

COUNTRY	: Yugoslavia	H-17
CATEGORY	:	
ABS. JOUR.	: RZKhlum., No. 21 1959, No.	75819
AUTHOR	: Vukcevic-Kovacevic, V., and Bozin, Z.	
INST.	: Not given	
TITLE	: The Qualitative Analysis of Extracts and Tinctures of Some Alkaloids by Filter Paper Chromatography	
ORIG. PUB.	: Farmac Glasnik, 14, No 7, 331-338 (1958)	
ABSTRACT	: The application of filter paper chromatography to the qualitative analysis of the following preparations has been studied: Extractum Belladonnae siccum, Tinctura Belladonnae, Extractum Hydrastidis fluidum, Extractum Sesalis cornuti dilutum, Extractum Strychni siccum, Tinctura strychni, and Tinctura Veratri. The following procedure was used: 1 drop (0.01 ml) of the solution to be analyzed (in the case of dry extracts 10% solutions in 70% C ₂ H ₅ OH were prepared) is deposited on the starting	

CARD: 1/3

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COUNTRY	:	Yugoslavia	H-17
CATEGORY	:		
ABS. JOUR.	:	AZKhim., No. 21 1959, No.	75819
AUTHOR	:		
TEST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	line on the strip of filter paper (Whatmann No 1). After evaporation of the solvent the chromatogram is developed for 10 min with 0.1 N HCl. The alkaloid spots are located by irradiation of the dry strip with UV light, spraying with picric acid, Dragendorff reagent, and 1% solution of I ₂ in C ₂ H ₅ OH, or by treating the moistened strip with Br ₂ vapors followed by treatment with NH ₃ vapor (for preparations of strychnine and hydrastinine). This exceedingly simple method can be success-	

CARD: 2/3

COUNTRY : Yugoslavia H-17
CATEGORY :
ABS. JOUR. : RZKhim., No. 21 1959, No. 75819
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : fully substituted for the extractive methods
listed in the various pharmacopoeias. For the
preceding communication see RZhKhim, 1958, No 13,
44321.
From authors' summary

CARD: 3/3

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BOZINA, YE. D.

Bozina, Ye. D. -- "A Comparative Study of the Biological and Economic-Utilitarian Features of Various Groups of Bees." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Soil Biology Faculty. Chair of Invertebrate Zoology. Ryazan," 1955. (Disseration For the Degree of Candidate in Biological Sciences).

So: Knizhnaya Letopis', No. 11, 1956, pp 103-114

USSR/Farm Animals - Honey Bees.

Q-5

Abs Jour : Ref Zhur - Biol., No 13, 1958, 83451

Author : Bozina, Ye.D.

Inst :

Title : Differences in Proboscis Lengths of Various Bee Groups.

Orig Pub : Pchelovedstvo, 1958, No 2, 25-26.

Abstract : Measurements performed on bees taken from 24 different colonies proved that among 4 investigated breeds, namely, the local Northern, the Kuban, the Italian, and the gray Caucasian Highland bee breeds, the largest proboscis is to be found in the gray Caucasian Highland breed. As a rule, proboscises of bees born during fall are longer than those of bees born during spring. Bees originating from Southern queens and raised in climatic conditions of the non-black earth zone of RSFSR [Russian Soviet Federative Socialist Republic] (city of Ryazan'), retain their

Card 1/2

USSR/Farm Animals - Honey Bees.

Q-5

Abs Jour : Ref Zhur - Biol., No 10, 1950, 83451

exterior characteristics of southern bees; in particular,
proboscises of Georgian bees do not become shorter.

Card 2/2

BOZINA, Ye.D.

Changes with age in the height of wax glands in different bee groups. Zool. zhur. 40 no.8:1159-1163 1g '61.

(MIRA 14:8)

1. State Pedagogical Institute of Ryazan.
(Bees) (Glands)

BOZINA, Ye.D.

Comparative study of the fertility of queens in various bee groups and their age limit. Zool. zhur. 42 no.3:379-383 '63.
(MIRA 17:1)

1. Ryazanskiy pedagogicheskiy institut.

BOZINGER, E. N.

From Russian for Dr. R. Redfield

Doklady Akad. Nauk SSSR, 96 (2): 343-346, 1954

Simple method of separation of amino acids by distributive paper chromatography
by

H. M. Sisakian, E. N. Bozinger, P. G. Garkavi, and G. Ia. Kivman

Translated at the National Institutes of Health, Bethesda, Maryland.
Full translation available in ~~CONFIDENTIAL~~/M.

BOZINOVIC, D; MAKSIMOVIC, S.

Geotechnic problems related to the formation of the Saska gangue at
Majdanpek, P. 593.

TEHNIKA (Savez inzenjera i tehincara Jugoslavije) Beograd, Yugoslavia.
Vol. 14, no. 4, Apr 1959

Monthly List of East European Accession EEAI LC, Vol. 8, no. 6, June 1959
Uncla.

LAMBIC, Ivan S.; BOZINOVIC, Ljubica S.

~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~
Localization of interlobar transudate during cardiac decompensation.
Srp arhiv lekar 82 no.2:259-263 F '54. (REAL 3:7)

1. IV Interna klinika Medicinskog fakulteta u Beogradu, upravnik:
prof. dr. Cedomil Plavsic. (Rad je Urednistvo primilo 4-IX-1953
god.) (CONGESTIVE HEART FAILURE, compl
*localized interlobar transudation)
(EXUDATES AND TRANSUDATES, in various dis.
*localized interlobar transudation in congestive heart
failure)

BOZINOVIC, Ljubica; SLAVKOVIC, Vladimir; DJORDJEVIC, Bozidar, S.;
BRADIC, Lepa

Electrophoresis of blood proteins in myocardial infarct.
Srpski arh. celok. lek. 84 no.3:342-348 March 56.

1. IV Interna klinika Medicinskog fakulteta u Beogradu.

Upravnik: Gedomil Flavsic.

(MYOCARDIAL INFARCT, blood in
blood proteins, determ., electrophoresis (Ser))

(BLOOD PROTEINS, in various dis.
myocardial infarct. determ., electrophoresis (Ser))

BOZINOVIC, Ljubica dr.

DORDEVIC, Bozidar, Prof., dr.; ~~BOZINOVIC, Ljubica, dr.~~

Electrocardiographic changes in fibroelastosis of infants.
Med. glasn. 10 no.10:404-406 Oct 56.

1. Interna klinika B Medicinskog fakulteta u Beogradu
(upravnik prof. dr. R. Berovic).

(ENDOCARDITIS, diagnosis,
fibro-elastosis, ECG (Ser))

(ELECTROCARDIOGRAPHY, in various diseases,
endocardial fibro-elastosis (Ser))

BOZINOVIC, LJUBICA

BOZINOVIC, Ljubica; LAZOVIC, Vera; JOCIC, Andjelija; PETKOVIC, Darinka

2 Cases of mycotic aneurysms during subacute bacterial endocarditis. Srpski arh. celok. lek. 84 no.4:536-543 Apr 56.

1. IV Interna klinika Medicinskog fakulteta u Beogradu.
Upravnik: Gedomir Plavsic. Patoloski Institut Medicinskog fakulteta u Beogradu. Upravnik: Ksenofon, Sahovic. Sudsko-medicinski institut Medicinskog fakulteta u Beogradu.
Upravnik: Julijana Bogicevic.

(ENDOCARDITIS, SUBACUTE BACTERIAL, compl.

aneurysm of aorta & splenic artery, case reports (Ser))

(ANEURYSM,

splenic artery, in bact. subacute endocarditis, with aorta aneurysm (Ser))

(SPLENIC ARTERY, aneurysm,

with aortic aneurysm in bact. subacute endocarditis (Ser))

(AORTIC ANEURYSM, compl.

aneurysm of splenic artery in bact. subacute endocarditis (Ser))

LAMBIO, Ivan; BOZINOVIC, Ljubica

Meningeal complications during subacute bacterial endocarditis. Srpski
arh. celok. lek. 86 no.1:40-46 Jan 58.

1. Interna klinika B Medicinskog fakulteta u Beogradu Upravnik: prof.
Radojko Berovic.

(ENDOCARDITIS, SUBACUTE BACTERIAL, compl.
meningeal (Ser))

(MENINGITIS, etiol. & pathogen.
bact. subacute endocarditis (Ser))

PETROVIC, LJ; BOZINOVIC LJ; KANJUN, V.

Cor triatriatum. Acta med.iugosl. 14 no.3:327-339 '60.

1. Pedijatrijska klinika, Interna klinika "B" i Patoloski institut
Medicinskog fakulteta u Beogradu.

(HEART DEFECTS CONGENITAL case reports)

STRASER, T., dr.; BOZINOVIC, Lj., dr.; CIRIC, D., dr.; MILUTINOVIC, L.,
mr.ph.; DORDEVIC, B.S., prof. dr.

Biochemical changes in myocardial infarct. Med.glasn. 14 no.4:218-
220 Ap '60.

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik: prof.
dr. R.Berovic)
(MYOCARDIAL INFARCT metab)

i

BOZINOVIC, Lj., dr.; ROLOVIC, Z., dr.; RUVIDIC, R., dr.; DORDEVIC, B. S.,
dr., prof.

Polycythemia vera with myocardial infarct. Med. glasn. 15 no.9/10:
397-400 0 '61.

1. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu
(Upravnik: prof. dr R. Berovic). 2. Clan Uredivackog odbora, "Medi-
cinski glasnik" (for Dordevic).

(POLYCYTHEMIA VERA compl) (MYOCARDIAL INFARCT compl)

BOZINOVIC, Ljubica; SINDIC, Miodrag; MORIC-PETROVIC, Slavka

Tetralogy of Fallot with residual endovasculitis and endocarditis in a case of mongolism. Srpski arh. celok. lek. 91 no.5:511-516 My '63.

i. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr Radivoje Berovic Patolosko-anatomski institut Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr Zivojin Ignjacev Neuropsihijatrijska klinika Medicinskog fakulteta Univerziteta u Beogradu Upravnik: prof. dr Uros Jekic.
(MONGOLISM) (TETRALOGY OF FALLOT)
(ENDOCARDITIS) (PULMONARY EMBOLISM)
(GANGRENE)

BOZINOVIC, M., inz.

Transportation of the largest transformer in our country is
carried out. Elektropirvreda 15 no.4:186 Ap '62.

BOZINOVIC, Miodrag, inz.

Indented transformer stations in the 110 kv. transmission
line network. Elektroprivreda 15 no.8:388-393 Ag '62.

1. Energoprojekt Enterprise, Belgrade.

BOZINOVIC, Miodrag, inz.

Some solutions for the Yugoslav 220 kv. distributing substations.
Elektroprivreda 15 no.11/12:514-522 N-D '62.

1. Energoprojekat, Beograd.

BOZINOVIC, Miodrag, inz.

Two control rooms of the Titograd Transformer Station. Elektropri-
vreda 16 no.5:213-218 My '63.

BOZINOVIC, Miodrag, inz.; VULETIC, Sinisa, inz.

Indoor and outdoor mounting of a 35kv. substation. Elektro-
privreda 16 no.11/12:550-565 N-D '63

BOZINOVIC, Miodrag, inz.

Basic solutions of some European 380 kv. transmission
lines. Elektroprivreda 17 no. 1: 19-27 Ja '64.

ANDRIC, Ruzica, inz.; BOZINOVIC, Slobodan, inz.

Modern designs of power supply installations in the 25 kv.,
50 c.p.s. system. Elektropriroda 16 no.6/7:304-309 Je-JI'63.

BOZINOVIC, Slobodan, inz.

Influences of electrostatic and electromagnetic fields in the traction wire of a 25 kv., 50 c.p.s. system. Elektroprivreda 16 no.6/7:310-321 Je-Jl'63.

BOZINOVIC, Slobodan, inž., asistent (Sarajevo, Stj. Tomica 12)

Permissible load in conductors of a contact electric network of 25 kv. and 50 c.p.s. systems. Tehnika Jug 19 no. 2:Suppl.: Elektrotehnika 13 no. 2:303-307 F '64.

1. Faculty of Electrical Engineering, University of Sarajevo.

BOZINOVIC, Zivojin

Our experiences with the treatment of endarteritis with Rauwolfia
serpentina preparations. Srpski arh. celok. lek. 87 no.10:928-
932 0 '59.

1. Interno odeljenje Opste bolnice u Knjasevcu, sef: dr Zivojin
Bozinovic.

(ENDARTERITIS ther.)

(RAUWOLFIA ther.)

BOZINSKIY, A.P.; BRITAYEV, M.D.; KOMISSAROV, A.K.; KATKOVSKIY, G.S.; SEDOVA,
V.I.; SHCHERBAKOV, A.V.; KREYTER, V.M., glavnyy red.; SHATALOV,
Ye.T., zamestitel' glavnogo red.; YEROFEEV, B.N., red.; ZENKOV,
D.A., red.; KRASNIKOV, V.I., red.; NIFONTOV, P.V., red.; SMIRNOV,
V.I., red.; KHRUSHCHOV, N.A., red.; YAKZHIN, A.A., red.; OVCHINNIKOVA,
S.V., red. izd-va; AVERKIYEVA, T.A., tekhn. red.

[Prospecting for gold ore deposits] Razvedka zolotorudnykh mestorozh-
denii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane
nedr, 1957. 103 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii
institut mineral'nogo syria. Metodicheskie ukazaniia po proizvodstvu
geologo-razvedochnykh rabot, no.1). (MIRA 11:1)
(Gold ores) (Prospecting)

BOZIVIC, Tomislav, inz. (Tuzla, Pasa Bunar 24)

Mechanize or eliminate stope supports. Tehnika Jug 18
no. 12: Supplement: Rudarstvo metalurg 14 no. 12: 2229-
2230 D '63

1. Sef sluzbe za studije rudnika Kreka, "Rudarsko hemijski kombinat", Tuzla.

BOZIYAN, KH.

PA 13/49T62

USSR/Medicine - Societies, Medical Jun 48

"Fourth Conference of the Red Crescent Society,"
Kh. Boziyan, $\frac{1}{2}$ pp

"Med Sestra" No 6

Reports fourth session of Azerbaydzhan Red
Crescent Society recently held in Baku.

13/49T62

USSR/Medicine - Medical Societies Apr 49
Medicine - Public Health

"Conference of Rural Obstetricians," Dr Kh. A. Boziyan, $\frac{1}{2}$ p

"Rel'dsher i Akusher" No 4

Regional conference of obstetricians recently convened at Agdam, Azerbaydzhan SSR. Several reports submitted include: N. G. Artomova's "Malaria as a Factor in Premature Births," and A. S. Dudarova's "The Dangers of Abortion and Its Control." Chief of Agdam Hosp discusses measures

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USSR/Medicine - Medical Societies Apr 49
(Contd)

for improving infant care. Delegates approved various measures for improving infant welfare in rural communities.

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BOZIYAN, KH. A. DR.

BOZIYAN, Kh. A.

Medicine - Practice

Conference for the enlightenment and exchange of practical experience of medical workers. Med. sestra, no. 4, 1952.

Monthly List of Russian Accessions. Library of Congress November 1952. UNCLASSIFIED.

BOZIYAN, Kh.A.

Treating acute epidermitis with a one percent synthomacin emulsion.
Vest, ven, i derm. no.3:52 My-Je '54. (MLRA 7:8)

1. Iz Mir-Bashirskogo kosno-venerologicheskogo kabineta.
(SKIN--DISEASES) (ANTIBIOTICS)

BOZIYAN, Kh. A. (Agdam, Azerbaydzhanskaya SSR)

A collective farm midwife. Kh. A. Bozilian. Fel'd. i akush. no.11:
55 N '55. (MLRA 9:2)

(MUSEVI, SITTARA)

BOZIYAN, Kh.A. (g. Agdam Azerbaydzhanskoy SSR)

Prevention of pustular skin diseases in cotton growers. Fel'd. i
akush. 21 no.5:41-42 My '56. (MLRA 9:8)
(COTTON GROWING--HYGIENIC ASPECTS)
(SKIN-- DISEASES)

BOZIYAN, Kh. A. (Baku)

Eruptions of mud volcanoes in Azerbaijan. Priroda 45 no.8:91-93
Ag '56. (Azerbaijan--Volcanoes) (MLRA 9:9)

BOZIYAN, Kh.A.

Some results of a transformation of the medical care of cotton
pickers of Agdam District. Sov.zdrav. 16 no.3:39-41 Mr '57.

(NATIONAL HEALTH PROGRAMS

(MLRA 10:6)

med. care of cotton pickers in Russia)

(RURAL CONDITIONS

same)

BOZIYAN, Kh.A.

IMANOV, Kh.G.; BOZIYAN, Kh.A.

Improving hygienic conditions in rural settlements. Gig. i san.
22 no.7:81 J1 '57. (MIRA 10:10)
(PUBLIC HEALTH, RURAL)

BOZIYAN, Kh.A. (g.Agdam Azerbaydzhanskoy SSR)

Collective farm feldsher. Fel'd. 1 akush. 23 no.3:53-54 Mr '58.
(AMIROV, AKNER ASKEROVICH) (MIRA 11:4)

BOZIYAN, Kh.A. (Stepanakert)

Joint nursery-kindergartens on collective farms. Sov.zdrav. 17
no.6:27-29 Je '58 (MIRA 11:6)

(CHILD WELFARE,

joint nursery-kindergartens in cotton collective
farms (Rus))

BOZIYAN, Kh. A.

Prevention of accidents in agriculture. Ortop.travm. i protez.
19 no.4:65-66 JI-Ag '58 (MIRA 11:11)

1. Iz Agdamskogo rayzdravotdela Azerbaydzhasnkey SSR.
(AGRICULTURE--ACCIDENTS)

BOZIYAN, Kh.A. (Stepanokert, Azerbaydzhanskaya SSR)

Mullberries as a medicinal substance. Vop.pit. 18 no.5:81-82 S-0 '59.
(MIRA 13:1)

(FRUIT)

BOZIYAN, Kh.A.

Out-of-town session of the Azervaijan Tuberculosis Institute.
Probl.tub. 37 no.1:118-119 '59. (MIRA 12:2)
(AZERBAIJAN--TUBERCULOSIS)

BOZIYAN, Kh.A.

Visceral leishmaniasis in the Karabakh area of Azerbaijan. Zhur.
mikrobiol.epid.i immun. 31 no.2:141-142 F '60. (MIRA 13:6)

1. Iz Agdamskogo rayonnogo otdela zdavookhraneniya Azerbaydzhan-
skoy SSR.

(LEISHMANIASIS VISCERAL epidemiol.)

BOZIYAN, Kh.A. (Agdamskiy rayon, Azerbaydzhanskaya SSR)

Some results of work following abolition of the regional department of health and unification of the sanitary and epidemiological station with a regional hospital. Sov. zdrav. 20 no.7:29-33 '61.

(AGDAM DISTRICT—PUBLIC HEALTH)

(MIRA 15:1)

BOZIYAN, Kh.A., vrach; BAZYAN, R.A.

Treatment of certai skin diseases with chloethyl block and
phytoncides. Vest.derm.i ven. 35 no.4:60-62 Ap '61.

(MIRA 14:5)

1. Iz Agdamskogo kozhno-venerologicheskogo dispansera (glavnyy
vrach Yu.M. Musayev) i Nerkin-Oratagskoy bol'nitsy (glavnyy
vrach R.A. Bazyan) Mardakertskego rayona Nagorno-Karabakhskoy
avtonomnoy oblasti Azerbaydzhanskoy SSR.
(SKIN--DISEASES) (ETHYL CHLORIDE) (LOCAL ANESTHESIA)
(ANTIBIOTICS)

BOZIYAN, Kh.A. (Stepanakert)

Ornithosis. Fel'd. i skush. '7 no.3:15-17 Mr '62. (MIRA 15:4)
(ORNITHOSIS)

BOZIYAN, Kh.A. (Agdan)

Labor hygiene and prevention of occupational diseases among
cotton growers in Agdamsk District of the Azerbaijan
S.S.R. Gig. truda i prof. zab. 4 no.2:44-45 F '60. (MIRA 15:3)

1. Otdel zdravookhraneniya Azerbaydzhanskoy SSR.
(AGDAMSK DISTRICT—COTTON GROWING—HYGIENIC ASPECTS)

BOZIYAN, Kh.A.

University of health and longevity. Gig.i san. 26 no.12:89 D '61.
(MIRA 15:9)

1. Iz oblastnogo Doma sanitarnogo prosveshcheniya Nagorno-
Karabakhskoy avtonomnoy oblasti Azerbaydzhanskoy SSR.
(STEPANAKERT--HEALTH EDUCATION)

VOZNESENSKAYA, G.A., kand.med.nauk; BOZIYAN, Kh.A., vrach (Stepanakert);
SILUYANOVA, V.A., kand.med.nauk; GRIGOROVSKIY, I.M., prof.;
KUNDIYEV, Yu.I., kand.med.nauk (Kiyev); MARSHAK, M.S., prof.;
ZALIOPO, M.N.; DONETSKAYA, L.M.; ORGANOVA, M.G.

Health hints. Zdorov'e 9 no.3:30-31 Mr '63.
(HYGIENE)

(MIRA 16:5)

BOZIYAN, Kh.A. (Stepanakert)

The new method justifies itself. Sov. zdrav. 22 no.7:31 '63

(MIRA 16:12)

1. Iz oblastnogo Doma sanitarnogo prosveshcheniya Nagorno-Karabakhskoy avtonomnoy oblasti Azerbaydzhanskoy SSR.

GAZARYAN, R.F.; BOPIYAN, Kh.A.

Public health in the Nagorno-Karabakh Autonomous Province.
Azerb. med. zhurn. 40 no.10: 58-61 (1985) (MIRA 17:7)

ROZIYAN, Kh.A.; GAZARYAN, A.S.

In memory of M.A. Asriian (1882-1964). Azerb. med. zhur. /1
no.9:86 S '64.
(MJRA 18:11)

BOZIYAN, S.A., inzh.

Workdays of an offshore drilling crew. Neftianik 8 no.2:3-4 F
'63. (MIRA 16:10)

1. Ob"yedineniye Azneft' tresta Azneftedorstroya.

BOZKO, A. S.

"On the reactions of rare earths and elements related to them with polyphenols and alkaloids. Communication VI." F. M. Semjakin, V. A. Volkova and A. S. Bozko. (p. 455)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1938, Vol. 8, No. 5

BOZKO. I.

A method for the bacteriological analysis of sewage and surface water polluted by sewage. Acta Microb.polon. 8:33-34 1959.

1.) Z Katedry Biologii Sanitarnej Politechniki Warszawskiej.
(WATER POLLUTION microbiol.)

BOZKO, Leon; CYPRIK-OSSOWSKA, Krystyna; KREYSZTOFIK, Boleslaw

Microflora of the air in restaurants and in the atmosphere in Warsaw.
I. Quantitative studies. Acta microb. polon. 10 no.3:307-321 '61.

1. Z Zakladu Biologii Sanitarnej Politechniki Warszawskiej i z
Instytutu Handlu Wewnetrznego w Warszawie.
(AIR microbiol) (RESTAURANTS)

BOZKOV, B. [Bozhkov, B.]

Ceruloplasmin oxidase activity as test in determining
activity of a rheumatic process. Doklady BAN 16 no. 4:
445-447 '63.

1. Vorgelegt von Akademiemitglied D. Orakhovats [Orakhovats,
D.].

BOZKOV, B.

The oxidase activity of ceruloplasmin as a test for the determination of the activity of rheumatic processes, Dokl. Bolg. akad. nauk 16 no.4:445-447 '63.

1. Vorgelegt von Akademiemitglied D. Oranovats.
(OXIDOREDUCTASES) (CERULOPLASMIN)
(ENZYME TESTS) (RHEUMATIC FEVER)

BOZKOV, I. [Bozhkov, I.], inz.

Production of insulation materials in Bulgaria. Stavivo 41
no.9:335-336 S'63.

1. Stavebni izolace, n.p., Sofia.

PERIC-BOZOVIC, M.; BOZOVIC, Lj.

Effect of prolonged ACTH administration on adrenal reactions in the rat. Acta med. iugosl. 17.no.2:133-153 '63.

1. Zavod za kemiju i Zavod za fiziologiju Medicinskog fakulteta u Zagrebu.

S

BOZKOWA, Krystyna

BOZKOWA, Krystyna; BOZEK, Josef

Data on gastrointestinal hemorrhages in children. *Pediat. polska*
29 no.6:593-599 June 54.

1. O Oddz. Wewn. i Chirurgiczno-Ortopedycznego Kliniki Pediatrycznej
w Szczecinie. Kierownik Kliniki: prof. dr med. B.Gornicki, Kierownik
Oddz. chir.-ortop.: dr med. E.Drescher.
(GASTROINTESTINAL SYSTEM, hemorrhage,
in child.)
(HEMORRHAGE,
gastrointestinal, in child.)

EXCERPTA MEDICA Sec.7 Vol.10/4 Podiatries April 56

781. BOZKOWA K. and RYNKOWSKA H. Klin. ped. P.A.M., Szczecin. *Zagadnienie niebakteryjnego zapalenia mózgu u dzieci. The problem of abacterial encephalitis in children PEDIAT.POL. 1955, 31/9(783-793) Graphs 1 Tables 2

A clinical analysis of 103 cases in Szczecin during the last quarter of 1952 and the first quarter of 1953. Thirty-nine cases out of them were characterized by extremely similar clinical pictures, although there were differences in the severity of the course, which seemed to suggest the possibility of a common aetiological factor. Fourteen cases proved fatal; in 18 cases after the course of this disease blindness or deafness, paresis, mental disorders (dementia) or disturbances in the metabolic system (axis hypophysis-hypothalamus) were noted. The appearance of the epileptic syndrome has also been noted. The accurate number of cases in which late sequelae of the course of encephalitis appeared could not be stated because of their insufficient catamnestic control.

From authors' summary (XX, 7, 8)

BOZKOWA, Krystyna

Extrinsic secretion of the pancreas in acute diarrhea in children under 2 years of age. *Pediat. polska* 31 no.12: 1325-1334 Dec 56.

1. Z Kliniki Pediatricznej Pomorskiej A.M. w Szczecinie Kierownik: prof. dr. med. B. Gornicki, Szczecin, ul. Lukaszewicza 3/4.

(DIARRHEA, in inf. & child

extrinsic secretion of pancreas, in acute cases of inf.)

(PANCREAS, in various dis.

extrinsic secretion in acute diarrhea in inf.)

BOZKOWA, K.

EXCERPTA MEDICA Sec 7 Vol 12/11 Pediatrics Nov 58

3010. THE TREATMENT OF SCLERODERMA WITH α -TOCOPHEROL - Leczenie twardziny α -tokoferolem - Bozkowa K. Klin. Ped. Pom. Akad. Med., Szczecin - POL. TYG. LEK. 1957, 12/16 (606-608) Tables 2

The introduction to the treatment of scleroderma appearing in the course of acute diarrhoeal states, besides the antibiotics, lipotropic and circulatory drugs, blood or plasma transfusions, of big doses of α -tocopherol (3 times daily 30 mg.) brings about distinctly positive results. This is manifested by a considerable decrease of the mortality rate. The improvement of the general condition and disappearance of scleroderma lesions are observed in a majority of cases even during the second 24 hr. of vit. E administration. The therapeutical action of α -tocopherol can be explained by its beneficent influence on the carbohydrate and lipid metabolism, on the compensation of disorders in the oxido-reducing reactions, and perhaps also on other mechanisms whose nature is not yet sufficiently clear. (VII, 6, 13)

EXCERPTA MEDICA Sec 7 Vol. 11/11 Pediatrics Nov 57

2832. BOŻKOWA K. and BOGUSZEWSKA-DABRYSOWA N. Klin. Ped. Pomorskiej A.M., Szczecin. *Wpływ pankreatyny na tolerancję wysokokalorycznej diety u niemowląt z ostrymi stanami biegunkowymi. The influence of pancreatin on the high caloric diet tolerance in infants presenting acute diarrhoeal conditions PEDIAT.POL. 1957, 32/2 (159-165) Tables 9

Investigations in 92 infants showed that these conditions cause hypoacidity of the gastric juices and lowering of the secretory function of the pancreas which constitutes one of the causes of the difficulties encountered in quick re-alimentation. The

2832

administration in these cases of hydrochloric acid with pepsin and pancreatin has a most important influence on the raising of tolerance to high caloric diet of the high protein type. Normal feedings could be given after 3 to 5 days to infants who received pancreatin but in the control group on the 6th to 8th day. The improvement of high caloric diet tolerance in infants receiving pancreatin proved to be distinctly favourable both to the general state of health and to the increase in weight. This allowed considerable shortening of the period of hospitalization (from 20-25 days to 10-14 days). The complete normalization of external secretion of the pancreas was noted already in the 4th week in the group of infants receiving pancreatin and in the 6th or 7th week in the control group.

BOZKOWA, Krystyna; BOGUSZEWSKA-DABRYSOWA, Nina; KARAJOSIFIDIS, Kostas

Determination of proteolytic enzymes in the duodenum & feces in children. *Pediat. polska* 32 no.9:1019-1026 Sept 57.

1. Z Kliniki Pediatricznej Pom. Akad. Med. w Szczecinie Kierownik: prof. dr med. B. Gornicki i z Laboratorium Centralnego Panstwowego Szpitala Klinicznego w Szczecinie.

(DUODENUM, metab.

proteases in child., determ. (Pol))

(FECES

same)

(PROTEASES, determ.

in duodenum & feces in child. (Pol))

Bozkowa, Krystyna

BOZKOWA, Krystyna (Szczecin, ul. Unii Lubelskiej Klinika Pediatryczna A. M.)

External pancreatic secretion in atreptic children. *Pediat. polska*
32, no.10:1125-1134 Oct 57.

1. Z Kliniki Pediatrycznej Pomorskiej A. M. w Szczecinie Kierownik:
prof. dr med. B. Gornicki.

(INFANT NUTRITION DISORDERS, physiol.

eff. on pancreatic secretion (Pol))

(PANCREAS, physiol.

secretion in inf. nutrition disord. (Pol))

POLAND/Human and Animal Physiology (Normal and Pathological)
Metabolism. Vitamins.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26240

Author : Dozkova, K., Doguszezewska-Dabrysowa, N., Sliwinska, H.

Inst : -

Title : Absorption of Vitamin A in the Alimentary Tract of
Children With Acute Alimentary Dystrophy.

Orig Pub : Pediatr. polska, 1957, 32, No 10, 1135-1141

Abstract : In children who suffered acute alimentary dystrophy, the
absorption of vitamin A oil solutions in the gastro-intes-
tinal tract was considerably lowered, which the authors
connect with an insufficient content of enzymes in it, in
particular of lipase and phosphatase. In sick children
who were fed mothers milk, the absorption of A was some-
what better, which is explained by the hydrolysing action
of lipase, which is contained in mother's milk. Introduc-
tion of pancreatin increased absorption of A oil

Card 1/2

- 3 -

POLAND/Human and Animal Physiology -(Normal and Pathological)
Metabolism. Vitamins.

T

Abs Jour : Ref Zhur Biol., No 6, 1959, 26240

solutions in sick children. In order to maintain a
sufficient level of A in the blood of the indicated
children, it is recommended to give aqueous solutions
of A or, simultaneously with A oil solutions, also
pancreatin.

Card 2/2

BOZKOWA, Krystyna; BOGUSZEWSKA-DABYSOWA, Nina

Effect of largactil on secretion of digestive juices in infants.
Pediat. polska 32 no.12:1339-1344 Dec 57.

1. Z Kliniki Pediatricznej Pomorskiej A. M. w Szczecinie. Kierownik:
prof. B. Gornicki.

(GASTRIC JUICE,

secretion, eff. of chlorpromazine in inf. (Pol))

(CHLORPROMAZINE, eff.

on gastric juice secretion in inf. (Pol))

GORNICKI, B.; BOZKOWA, K.

Treatment of alkalosis in children. Cesk. pediat. 13 no.7:625-629 Aug 58.

1. Pediatricka klinika Pomorske lekarske akademie ve Stetine, Prednosta
prof. Dr. B. Gornick.

(ALKALOSIS, in inf. & child
ther., ammonium & potassium chloride (Cz))

(AMMONIUM CHLORIDE, ther. use
alkalosis in child., with potassium chloride (Cz))

(POTASSIUM, ther. use
potassium chloride in alkalosis in child. (Cz))

BOZKOWA, Krystyna; BOGUSZEWSKA, Nina; SLIWINSKA, Halina

Amylolytic enzymes in children. *Pediat. polska* 32 no.7:809-819 July 58.

1. Z Kliniki Pediatrycznej Pomorskiej A. M. w Szczecinie Kierownik:
prof. dr med. B. Gornicki. Adres: Szczecin, ul. Unii Lubelskiej, Klin.
Pediatryczna P. A. M.

(AMYLASES,
physiol.)
(DUODENUM,
physiol.)

GORNICKI, B.; BOZKOWA, K.; BOGUSZEWSKA, N.; MACIAG, H.

Orisul in the treatment of suppurative cerebrospinal meningitis
in children. *Pediat.polska* 35 no.1:21-27 Ja '60.

1. Z Kliniki Pediatricznej Pomorskiej A.M. w Szczecinie. Kierow-
nik: prof.dr.med. B. Gornicki.
(SULFONAMIDES ther.)
(MENINGITIS ther.)

BOZKOWA, K.

On the pathogenesis of nephrotic syndrome. Cesk. pediat. 17 no.7/8:
735-737 Ag '62.

1. Instytut Matki i Dziecka, Warszawa, reditel prof. dr. B. Gornicki.
(NEPHROTIC SYNDROME)

POLAND/Chemical Technology. Chemical Products and Their
Application. Catalysts and Sorbents.

H

Abs Jour: Ref Zhur-Khim., No 10, 1959, 35512.

Author : Boznanski, A. and Kowal, S.

Inst :

Title : Study of the Activation of Bog Iron Ore by the Addition
of Some Substances.

Orig Pub: Gaz woda, Tech Sanit, 31, No 2, 66-68 (1957) (in Polish)

Abstract: The authors have investigated the effect of the addition of inorganic compounds on the absorption capacity of bog iron ore (BIO) having a grain size of about 1 mm and the following composition: Total Fe 30.92%, SiO₂ 14.6%, and organic compounds 16.3% (pH 6.9). The BIO exhibits maximum activity at a

Card : 1/2

USSR / Human and Animal Physiology. Neuromuscular Physiology.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70492

Author : Bozler, Emil

Inst : Academy of Sciences GSSR

Title : Analysis of the Functions of Smooth Muscle

Orig Pub : In the collection, Probl. sovrem. fiziol. nervn. i
myshechn. sistem. Tbilisi, AN GruzSSR, 1956, 293-398

Abstract : The author divides the smooth musculature into two groups; one, which consists of separate muscle units and which is completely subordinate to the CNS (e.g., the sphincter of the pupil); the other, which is composed of syncytial formations (muscles of the internal organs, heart), which possess spontaneous activity. Examination is made of the mechanical properties of smooth muscle (plasticity). The author points out the great difference in the activity of separate organs, and indicates a number of factors

Card 1/2

USSR / Human and Animal Physiology. Neuromuscular Physiology.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70492

influencing their stimulability and contractile potentialities (hormonal influences, the presence of local nerve mechanisms).

Card 2/2

BOZNANSKI, Adam; KOWALOWA, Stanislaw; FALECKI, Marian

Usefulness of mixtures of pig iron ore with pickling sludges for the purification of gas from hydrogen sulfide. Koks 7 no.2:63-66 Mr-Ap 62.

1. Centralne Laboratorium Gazownictwa, Warszawa.

~~BOZNANSKI, Adam, mgr~~; KOWALOWA, Stanislaw, mgr; FALECKI, Marian, mgr;

Application of oxygen carriers in the process of dry purification
of gas from hydrogen sulfides. Gaz woda techn sanit 37 no.1:2-6
Ja '63.

1. Central Gas Engineering Laboratory, Warsaw.

ACC NR: AP6006046

SOURCE CODE: CZ/0053/65/014/004/0296/0296

AUTHOR: Inczinger, F.; Caganova, A.; Zackova, P.; Kozlovsky, J.; Bozner, A.

ORG: Department of Pharmacodynamics and Toxicology, Faculty of Pharmacy, Comenius University, Bratislava (Katedra farmakodynamiky a toxikologie Farmaceutickej fak. UK)

TITLE: Effect of ATP spofa on biochemical functional and structural changes in the experimental model of hypertrophied rat myocardium [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 296

TOPIC TAGS: organic phosphorus compound, heterocyclic base compound, myology, carbohydrate, rat, biochemistry, animal physiology

ABSTRACT: At 0.12 mg /rat s.c., adenosine triphosphate statistically significantly decreases the cardiac hypertrophy brought about by daily swimming with a handicapping weight added of 8% of body weight, for 9 days. Residual and total glycogen increased significantly after ATP. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 002

Card 1/1

CZECHOSLOVAKIA

INCZINGER, F.; BOZNER, A.; LAZAROVA, Z.; Chair of Pharmacodynamics and Toxicology, Pharmaceutical Faculty, Comenius University (Katedra Farmakodynamiky a Toxikologie Farmaceutickej Fakulty UK), Bratislava.

"The Effect of ATP Spofa on the Experimental Hypertrophy of the Rat Cardiac Muscle. I. Study of Morphological Changes."

Prague, Ceskoslovenska Farmacie, Vol 15, No 8, Oct 66, pp 396-399

Abstract /Authors' English summary modified/: Female white rats of the Wistar strain were forced to swim every day for nine weeks carrying a load equal to 8% of their body weight; this induced hypertrophy of the heart not exceeding physiological levels. Administration of ATP Spofa (Na salt of adenosinetriphosphoric acid) on odd days in a dose of 0.12 mg (s.c. injection) inhibited the cardiac muscle hypertrophy. The result was confirmed histologically. 6 Figures, 9 Western, 3 Czech, 4 Russian, 1 Hungarian references. (Manuscript received 30 Mar 66).

1/1

BOZNJAKOVIC, Bogoljub, doc.dr;

Problem of gastric syphilis. Srpski arh.celok.lek.77 no.12:1546-1560 Dec.54.

1. Radioloski institut Medicinskog fakulteta u Beogradu. Upravnik: prof. dr. Stojan Dedic. II Internaklinika Medicinskog fakulteta u Beogradu. Upravnik: doc. dr Djordje Brkic.

(SYPHILIS,
of stomach)
(STOMACH, diseases,
syphilis)

SZLATKO, Pal; (Budapest); PERI, Kalman (Budapest); TAKACS, Jozsef
(Budapest); BOZO, Gyula (Budapest.)

~~XX~~
Forum of innovators. Ujit lap 16 no.2:30 25 Ja'64.

BOZO, Janos (Budapest)

The first problem. Ujit lap 14 no.19:31 10 0 '62.

Bozo, Orsanic

Yugoslavia /Chemical Technology. Chemical Products
and Their Application

I-32

Food industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 33006

Author : Orsanic Bozo

Title : Fruit Juices

Orig Pub: Priroda, 1955, 42, No 10, 361-364

Abstract: Development history and present state of the
production of juices are considered and also
their nutritive value.

Card 1/1

KUKURA, S.; REZUCHA, M.; JUHAS, S.; FAJTA, K.; BOZO, S.

Some conclusions from the analysis of injuries of the trunk and extremities. Bratisl. Lek. Listy 2 no.11:666-673 '61.

1. Z chirurgického oddelenia OUNZ v Michalovciach, prednosta primar MUDr. S. Kukura.

(EXTREMITIES wds & inj) (ACCIDENTS)

HORN, Artur; DOHY, Janos; BOZO, Sander; DUNAY, Antal

A modernized method for evaluating the physical appearance of cattle. Allattenyesztes II no.2:97-101 JI '63.

1. Allattenyesztesi Kutatointezet Szarvasmarhatenyesztesi Osztalya, Budapest.
2. "Allattenyesztes" szerkeszto bizottsagi tagja (for Horn).